

SHORT-TERM INDIANA OCCUPATIONAL PROJECTIONS

BASE PERIOD: 2005 First Quarter
PROJECTED PERIOD: 2007 First Quarter
AREA: Economic Growth Region 06

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	1st Quarter 2005 Employment	1st Quarter 2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
00-0000	Total, All Occupations	132,930	134,250	1,310	1%	6,780	9,220	\$30,930	NA
11-0000	Management Occupations	5,600	5,700	100	2%	190	300	\$69,814	NA
11-1000	Top Executives	1,960	1,970	20	1%	70	80	NA	NA
11-1011	Chief Executives	390	390	0	1%	10	20	\$110,203	Work experience plus bachelor's or higher degree
11-1021	General and Operations Managers	1,500	1,520	20	1%	50	70	\$79,911	Work experience plus bachelor's or higher degree
11-1031	Legislators	70	60	0	-5%	0	0	\$24,396	NA
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	350	370	20	4%	10	30	NA	NA
11-2011	Advertising and Promotions Managers	50	50	0	-2%	0	0	\$49,441	Work experience plus bachelor's or higher degree
11-2021	Marketing Managers	70	80	0	5%	0	10	\$75,254	Work experience plus bachelor's or higher degree
11-2022	Sales Managers	200	210	10	6%	10	20	\$83,676	Work experience plus bachelor's or higher degree
11-2031	Public Relations Managers	30	30	0	0%	0	0	\$61,216	Work experience plus bachelor's or higher degree
11-3000	Operations Specialties Managers	1,050	1,060	10	1%	30	50	NA	NA
11-3011	Administrative Services Managers	130	130	0	0%	0	0	\$56,977	Work experience plus bachelor's or higher degree
11-3021	Computer and Information Systems Managers	130	130	10	6%	0	10	\$69,302	Work experience plus bachelor's or higher degree
11-3031	Financial Managers	280	280	0	1%	10	10	\$69,925	Work experience plus bachelor's or higher degree
11-3040	Human Resources Managers	130	130	0	2%	0	10	NA	NA
11-3051	Industrial Production Managers	250	250	0	-1%	10	10	\$66,782	Bachelor's degree
11-3061	Purchasing Managers	60	50	0	-2%	0	0	\$70,596	Work experience plus bachelor's or higher degree
11-3071	Transportation, Storage, and Distribution Managers	80	80	0	1%	0	0	\$70,134	Work experience in a related occupation
11-9000	Other Management Occupations	2,240	2,300	60	3%	80	140	NA	NA
11-9011	Farm, Ranch, and Other Agricultural Managers	90	90	0	-1%	0	0	NA	Work experience plus bachelor's or higher degree
11-9021	Construction Managers	200	210	10	6%	10	20	\$63,040	Bachelor's degree
11-9031	Education Administrators, Preschool and Child Care Center/Program	50	50	0	4%	0	0	\$38,133	Work experience plus bachelor's or higher degree
11-9032	Education Administrators, Elementary and Secondary School	260	270	10	4%	10	20	\$70,221	Work experience plus bachelor's or higher degree
11-9033	Education Administrators, Postsecondary	150	160	10	5%	10	20	\$53,231	Work experience plus bachelor's or higher degree
11-9039	Education Administrators, All Other	30	30	0	4%	0	0	\$45,049	NA
11-9041	Engineering Managers	110	110	0	0%	0	0	\$78,784	Work experience plus bachelor's or higher degree
11-9051	Food Service Managers	400	410	10	2%	10	20	\$40,893	Work experience in a related occupation
11-9061	Funeral Directors	30	30	0	4%	0	0	NA	Associate degree
11-9081	Lodging Managers	40	40	0	-3%	0	0	NA	Work experience in a related occupation
11-9111	Medical and Health Services Managers	230	240	10	5%	10	20	\$62,844	Work experience plus bachelor's or higher degree
11-9131	Postmasters and Mail Superintendents	60	60	0	0%	0	0	\$49,985	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association Managers	40	40	0	2%	0	0	\$48,954	Bachelor's degree
11-9151	Social and Community Service Managers	100	110	10	6%	0	10	\$38,430	Bachelor's degree
11-9199	Managers, All Other	450	450	0	0%	20	20	\$49,747	Work experience in a related occupation
13-0000	Business and Financial Operations Occupations	2,930	2,970	40	1%	100	150	\$44,427	NA
13-1000	Business Operations Specialists	1,390	1,410	20	1%	50	70	NA	NA
13-1022	Wholesale and Retail Buyers, Except Farm Products	90	100	0	4%	10	10	\$33,413	Bachelor's degree
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	210	210	0	-2%	10	10	\$47,554	Bachelor's degree
13-1031	Claims Adjusters, Examiners, and Investigators	20	20	0	5%	0	0	NA	Long-term on-the-job training
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety,	70	70	0	-1%	0	0	\$31,011	Long-term on-the-job training
13-1051	Cost Estimators	140	140	0	1%	10	10	\$43,181	Bachelor's degree
13-1071	Employment, Recruitment, and Placement Specialists	90	90	0	1%	0	0	\$36,864	Bachelor's degree
13-1072	Compensation, Benefits, and Job Analysis Specialists	100	100	0	0%	0	0	\$44,109	Bachelor's degree

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13-1073	Training and Development Specialists	110	110	0	1%	0	0	\$35,000	Bachelor's degree
13-1111	Management Analysts	150	160	10	8%	0	10	\$60,346	Work experience plus bachelor's or higher degree
13-1121	Meeting and Convention Planners	20	20	0	0%	0	0	NA	Bachelor's degree
13-1199	Business Operations Specialists, All Other	360	370	10	1%	10	20	\$40,974	Bachelor's degree
13-2000	<i>Financial Specialists</i>	1,540	1,570	20	1%	50	70	NA	NA
13-2011	Accountants and Auditors	740	750	10	1%	30	30	\$52,592	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	70	70	0	1%	0	0	\$26,532	Postsecondary vocational training
13-2031	Budget Analysts	30	30	0	-4%	0	0	\$55,696	Bachelor's degree
13-2041	Credit Analysts	50	50	0	2%	0	0	\$49,647	Bachelor's degree
13-2051	Financial Analysts	80	80	0	1%	0	0	\$61,850	Bachelor's degree
13-2052	Personal Financial Advisors	130	140	10	5%	0	10	\$48,209	Bachelor's degree
13-2071	Loan Counselors	30	30	0	4%	0	0	NA	Bachelor's degree
13-2072	Loan Officers	230	230	0	1%	10	10	\$46,151	Bachelor's degree
13-2081	Tax Examiners, Collectors, and Revenue Agents	30	30	0	3%	0	0	NA	Bachelor's degree
13-2082	Tax Preparers	70	70	0	3%	0	0	\$20,436	Moderate-term on-the-job training
13-2099	Financial Specialists, All Other	70	70	0	2%	0	0	\$47,061	Bachelor's degree
15-0000	Computer and Mathematical Occupations	980	1,020	40	4%	20	60	\$49,977	NA
15-1000	<i>Computer Specialists</i>	970	1,010	40	4%	20	60	NA	NA
15-1021	Computer Programmers	200	200	0	1%	10	10	\$42,835	Bachelor's degree
15-1031	Computer Software Engineers, Applications	170	190	10	8%	0	20	NA	Bachelor's degree
15-1041	Computer Support Specialists	160	170	0	2%	0	10	\$33,257	Associate degree
15-1051	Computer Systems Analysts	170	180	10	4%	0	10	\$62,590	Bachelor's degree
15-1061	Database Administrators	30	30	0	0%	0	0	\$38,236	Bachelor's degree
15-1071	Network and Computer Systems Administrators	120	120	10	5%	0	10	\$47,076	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	80	80	10	9%	0	10	NA	Bachelor's degree
15-1099	Computer Specialists, All Other	40	40	0	0%	0	0	\$38,152	Postsecondary vocational training
17-0000	Architecture and Engineering Occupations	1,210	1,190	-20	-1%	50	60	\$54,273	NA
17-1000	<i>Architects, Surveyors, and Cartographers</i>	70	80	10	7%	0	10	NA	NA
17-1011	Architects, Except Landscape and Naval	30	40	0	3%	0	0	\$42,103	Bachelor's degree
17-1012	Landscape Architects	30	30	0	12%	0	0	NA	Bachelor's degree
17-2000	<i>Engineers</i>	740	730	-20	-2%	30	40	NA	NA
17-2051	Civil Engineers	60	60	0	0%	0	0	\$56,889	Bachelor's degree
17-2071	Electrical Engineers	40	40	0	-2%	0	0	\$61,293	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	30	30	0	-7%	0	0	\$57,717	Bachelor's degree
17-2081	Environmental Engineers	20	20	0	5%	0	0	NA	Bachelor's degree
17-2112	Industrial Engineers	210	210	0	0%	10	10	\$61,565	Bachelor's degree
17-2131	Materials Engineers	20	20	0	-14%	0	0	\$61,865	Bachelor's degree
17-2141	Mechanical Engineers	220	210	-10	-5%	10	10	\$58,242	Bachelor's degree
17-2199	Engineers, All Other	120	120	0	-1%	0	0	\$69,260	Bachelor's degree
17-3000	<i>Drafters, Engineering, and Mapping Technicians</i>	390	390	0	-1%	20	20	NA	NA
17-3011	Architectural and Civil Drafters	20	20	0	6%	0	0	\$35,277	Postsecondary vocational training
17-3013	Mechanical Drafters	110	110	-10	-4%	10	10	\$41,457	Postsecondary vocational training
17-3022	Civil Engineering Technicians	40	40	0	0%	0	0	NA	Associate degree
17-3023	Electrical and Electronic Engineering Technicians	60	60	0	0%	0	0	\$49,335	Associate degree
17-3026	Industrial Engineering Technicians	50	50	0	-2%	0	0	\$42,389	Associate degree
17-3027	Mechanical Engineering Technicians	40	40	0	0%	0	0	\$47,865	Associate degree
17-3031	Surveying and Mapping Technicians	30	40	0	6%	0	10	\$29,637	Moderate-term on-the-job training
17-3099	Drafters, Engineering, and Mapping Technicians, All Other (OES Only)	20	20	0	0%	0	0	NA	NA
19-0000	Life, Physical, and Social Science Occupations	500	510	10	2%	20	30	\$52,827	NA
19-1000	<i>Life Scientists</i>	70	80	0	4%	0	10	NA	NA
19-1042	Medical Scientists, Except Epidemiologists	30	30	0	6%	0	0	NA	Doctoral degree

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19-2000	Physical Scientists	100	100	10	6%	0	10	NA NA	
19-2031	Chemists	40	50	0	7%	0	10	\$48,320	Bachelor's degree
19-2041	Environmental Scientists and Specialists, Including Health	40	40	0	5%	0	0	\$45,664	Bachelor's degree
19-3000	Social Scientists and Related Workers	180	190	0	1%	10	10	NA NA	
19-3021	Market Research Analysts	50	50	0	0%	0	0	\$54,742	Bachelor's degree
19-3022	Survey Researchers	30	30	0	0%	0	0	NA	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	80	80	0	3%	0	10	\$60,105	Master's degree
19-3051	Urban and Regional Planners	30	30	0	0%	0	0	NA	Master's degree
19-4000	Life, Physical, and Social Science Technicians	150	150	0	-1%	10	10	NA NA	
19-4031	Chemical Technicians	60	60	0	-3%	0	0	\$30,060	Associate degree
19-4099	Life, Physical, and Social Science Technicians, All Other	50	50	0	-2%	0	0	NA	Associate degree
21-0000	Community and Social Services Occupations	1,750	1,830	80	4%	60	140	\$31,297	NA
21-1000	Counselors, Social Workers, and Other Community and Social Service Sp	1,560	1,630	70	4%	60	120	NA NA	
21-1011	Substance Abuse and Behavioral Disorder Counselors	30	30	0	4%	0	0	\$34,685	Master's degree
21-1012	Educational, Vocational, and School Counselors	260	270	10	3%	10	20	\$41,496	Master's degree
21-1013	Marriage and Family Therapists	20	20	0	5%	0	0	\$33,204	Master's degree
21-1014	Mental Health Counselors	190	200	10	3%	10	10	\$28,859	Master's degree
21-1015	Rehabilitation Counselors	140	150	10	6%	10	10	\$24,991	Master's degree
21-1021	Child, Family, and School Social Workers	190	200	0	2%	10	10	\$31,033	Bachelor's degree
21-1022	Medical and Public Health Social Workers	100	100	0	2%	0	10	\$38,563	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	130	140	10	4%	0	10	\$34,166	Master's degree
21-1091	Health Educators	20	20	0	0%	0	0	\$35,763	Master's degree
21-1092	Probation Officers and Correctional Treatment Specialists	70	70	0	1%	0	0	\$36,908	Bachelor's degree
21-1093	Social and Human Service Assistants	410	450	30	8%	10	50	\$23,787	Moderate-term on-the-job training
21-9000	Miscellaneous Counselors, Social, & Religious Workers	180	190	10	6%	10	20	NA NA	
21-9099	Counselors, Social, and Religious Workers, All Other (OES Only)	180	190	10	6%	10	20	NA NA	
23-0000	Legal Occupations	350	360	10	3%	10	20	\$43,729	NA
23-1000	Lawyers, Judges, and Related Workers	200	210	10	4%	0	10	NA NA	
23-1011	Lawyers	170	180	10	5%	0	10	\$57,686	First professional degree
23-1023	Judges, Magistrate Judges, and Magistrates	20	20	0	0%	0	0	\$63,650	Work experience plus bachelor's or higher degree
23-2000	Legal Support Workers	130	130	0	1%	0	0	NA NA	
23-2011	Paralegals and Legal Assistants	40	40	0	5%	0	0	\$34,394	Associate degree
23-2092	Law Clerks	20	20	0	-6%	0	0	NA	Bachelor's degree
23-2093	Title Examiners, Abstractors, and Searchers	60	60	0	0%	0	0	\$25,407	Moderate-term on-the-job training
23-9000	Miscellaneous Legal & Related Workers	20	20	0	0%	0	0	NA NA	
23-9099	Legal and Related Workers, All Other (OES Only)	20	20	0	0%	0	0	NA NA	
25-0000	Education, Training, and Library Occupations	9,690	10,160	470	5%	380	850	\$39,564	NA
25-1000	Postsecondary Teachers	2,470	2,650	180	7%	100	280	NA NA	
25-1011	Business Teachers, Postsecondary	70	80	10	7%	0	10	\$39,750	Doctoral degree
25-1021	Computer Science Teachers, Postsecondary	50	50	0	7%	0	10	NA	Doctoral degree
25-1022	Mathematical Science Teachers, Postsecondary	80	90	10	7%	0	10	\$38,594	Doctoral degree
25-1042	Biological Science Teachers, Postsecondary	20	30	0	8%	0	0	NA	Doctoral degree
25-1066	Psychology Teachers, Postsecondary	20	20	0	6%	0	0	NA	Doctoral degree
25-1067	Sociology Teachers, Postsecondary	40	40	0	8%	0	10	NA	Doctoral degree
25-1071	Health Specialties Teachers, Postsecondary	20	20	0	10%	0	0	\$49,649	Doctoral degree
25-1072	Nursing Instructors and Teachers, Postsecondary	50	60	0	8%	0	10	NA	Master's degree
25-1081	Education Teachers, Postsecondary	20	20	0	9%	0	0	NA	Doctoral degree
25-1121	Art, Drama, and Music Teachers, Postsecondary	70	80	10	8%	0	10	NA	Doctoral degree
25-1123	English Language and Literature Teachers, Postsecondary	40	50	0	7%	0	10	NA	Doctoral degree
25-1124	Foreign Language and Literature Teachers, Postsecondary	20	30	0	8%	0	0	NA	Doctoral degree

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25-1125	History Teachers, Postsecondary	20	20	0	13%	0	0	NA	Doctoral degree
25-1126	Philosophy and Religion Teachers, Postsecondary	20	20	0	9%	0	0	NA	Doctoral degree
25-1191	Graduate Teaching Assistants	730	780	50	7%	30	80	NA	Bachelor's degree
25-1194	Vocational Education Teachers, Postsecondary	120	130	10	8%	10	10	NA	Work experience in a related occupation
25-1199	Postsecondary Teachers, All Other	990	1,060	70	7%	40	110	NA	Doctoral degree
25-2000	<i>Primary, Secondary, and Special Education School Teachers</i>	4,420	4,580	160	4%	180	340	NA	NA
25-2011	Preschool Teachers, Except Special Education	260	260	0	1%	10	10	\$20,586	Bachelor's degree
25-2012	Kindergarten Teachers, Except Special Education	340	360	20	6%	10	30	NA	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	1,520	1,570	50	3%	60	110	\$45,375	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	620	630	10	2%	20	40	\$43,605	Bachelor's degree
25-2023	Vocational Education Teachers, Middle School	40	40	0	0%	0	0	\$49,963	NA
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,230	1,280	50	4%	70	120	\$44,561	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	130	130	0	2%	10	10	\$52,904	Bachelor's degree
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary Sc	120	130	10	6%	10	10	\$45,472	Bachelor's degree
25-2042	Special Education Teachers, Middle School	70	80	0	6%	0	10	\$45,676	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	100	110	10	6%	0	10	\$44,711	Bachelor's degree
25-3000	<i>Other Teachers and Instructors</i>	1,020	1,090	70	7%	20	90	NA	NA
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	140	140	10	6%	0	10	NA	Bachelor's degree
25-3021	Self-Enrichment Education Teachers	80	80	0	5%	0	10	\$26,406	Work experience in a related occupation
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only)	810	870	60	7%	20	70	NA	NA
25-4000	<i>Librarians, Curators, and Archivists</i>	310	320	10	2%	20	20	NA	NA
25-4021	Librarians	170	170	0	1%	10	10	\$44,112	Master's degree
25-4031	Library Technicians	140	140	0	2%	10	10	\$29,831	Short-term on-the-job training
25-9000	<i>Other Education, Training, and Library Occupations</i>	1,460	1,520	60	4%	50	110	NA	NA
25-9031	Instructional Coordinators	40	40	0	0%	0	0	\$53,626	Master's degree
25-9041	Teacher Assistants	1,400	1,460	60	4%	50	110	\$18,555	Short-term on-the-job training
25-9199	Library, Museum, Training, and Other Education Workers, All Other (OES)	20	20	0	10%	0	0	NA	NA
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	1,850	1,860	20	1%	70	100	\$30,692	NA
27-1000	<i>Art and Design Workers</i>	770	760	-10	-2%	20	20	NA	NA
27-1011	Art Directors	30	30	0	0%	0	0	\$34,640	Work experience plus bachelor's or higher degree
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	280	280	0	-1%	10	10	NA	Long-term on-the-job training
27-1021	Commercial and Industrial Designers	60	60	0	-3%	0	0	\$59,086	Bachelor's degree
27-1023	Floral Designers	100	90	0	-2%	0	0	\$30,118	Moderate-term on-the-job training
27-1024	Graphic Designers	110	110	0	-1%	0	0	\$33,873	Bachelor's degree
27-1025	Interior Designers	30	30	0	0%	0	0	\$29,314	Bachelor's degree
27-1026	Merchandise Displayers and Window Trimmers	20	20	0	-11%	0	0	NA	Moderate-term on-the-job training
27-1099	Art and Design Workers, All Other (OES Only)	140	130	0	-1%	0	0	NA	NA
27-2000	<i>Entertainers and Performers, Sports and Related Workers</i>	300	310	10	3%	10	20	NA	NA
27-2022	Coaches and Scouts	240	250	10	4%	10	20	\$22,735	Long-term on-the-job training
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	30	30	0	0%	0	0	NA	Long-term on-the-job training
27-3000	<i>Media and Communication Workers</i>	450	460	10	1%	20	30	NA	NA
27-3010	Announcers	130	120	-10	-5%	10	10	NA	NA
27-3020	News Analysts, Reporters and Correspondents	50	50	0	0%	0	0	NA	NA
27-3031	Public Relations Specialists	140	150	10	6%	0	10	\$40,259	Bachelor's degree
27-3041	Editors	40	40	0	-5%	0	0	\$38,603	Bachelor's degree
27-3042	Technical Writers	20	20	0	6%	0	0	NA	Bachelor's degree
27-3099	Media and Communication Workers, All Other	50	60	0	8%	0	10	NA	Long-term on-the-job training
27-4000	<i>Media and Communication Equipment Workers</i>	320	340	10	4%	10	30	NA	NA
27-4021	Photographers	250	260	10	3%	10	20	NA	Long-term on-the-job training
27-4099	Media and Communication Equipment Workers, All Other	30	40	0	13%	0	10	NA	Moderate-term on-the-job training
29-0000	Healthcare Practitioners and Technical Occupations	7,820	8,120	290	4%	270	570	\$45,932	NA

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29-1000	Health Diagnosing and Treating Practitioners	4,110	4,290	170	4%	150	320	NA NA	
29-1020	Dentists	120	120	0	0%	0	0	NA NA	
29-1031	Dietitians and Nutritionists	70	70	0	6%	0	10	\$36,116 Bachelor's degree	
29-1041	Optometrists	30	30	0	-4%	0	0	NA First professional degree	
29-1051	Pharmacists	240	250	10	3%	10	20	\$87,578 First professional degree	
29-1061	Anesthesiologists	20	20	0	7%	0	0	\$185,861 First professional degree	
29-1062	Family and General Practitioners	240	240	10	2%	10	10	\$140,939 First professional degree	
29-1065	Pediatricians, General	20	20	0	7%	0	0	NA First professional degree	
29-1066	Psychiatrists	40	40	0	3%	0	0	\$166,826 First professional degree	
29-1067	Surgeons	70	70	0	3%	0	0	NA First professional degree	
29-1069	Physicians and Surgeons, All Other	70	70	0	3%	0	0	NA NA	
29-1071	Physician Assistants	20	20	0	5%	0	0	NA Bachelor's degree	
29-1111	Registered Nurses	2,540	2,660	120	5%	90	210	\$42,612 Associate degree	
29-1122	Occupational Therapists	100	100	0	4%	0	10	\$51,780 Bachelor's degree	
29-1123	Physical Therapists	120	130	10	4%	0	10	\$52,571 Master's degree	
29-1125	Recreational Therapists	70	70	0	0%	0	0	\$27,539 Bachelor's degree	
29-1126	Respiratory Therapists	140	150	10	6%	10	20	\$38,894 Associate degree	
29-1127	Speech-Language Pathologists	110	120	10	5%	10	10	\$47,432 Master's degree	
29-1131	Veterinarians	20	20	0	5%	0	0	\$73,829 First professional degree	
29-1199	Health Diagnosing and Treating Practitioners, All Other	30	30	0	7%	0	0	NA First professional degree	
29-2000	Health Technologists and Technicians	3,610	3,740	120	3%	120	240	NA NA	
29-2011	Medical and Clinical Laboratory Technologists	250	270	10	6%	10	30	\$42,218 Bachelor's degree	
29-2012	Medical and Clinical Laboratory Technicians	160	170	10	4%	10	10	\$31,248 Associate degree	
29-2021	Dental Hygienists	50	50	0	6%	0	0	NA Associate degree	
29-2031	Cardiovascular Technologists and Technicians	40	40	0	3%	0	0	\$33,180 Associate degree	
29-2032	Diagnostic Medical Sonographers	60	70	0	3%	0	0	\$47,384 Associate degree	
29-2033	Nuclear Medicine Technologists	20	30	0	8%	0	0	\$55,307 NA	
29-2034	Radiologic Technologists and Technicians	180	190	10	4%	10	10	\$38,018 Associate degree	
29-2041	Emergency Medical Technicians and Paramedics	170	170	0	2%	0	10	\$25,436 Postsecondary vocational training	
29-2051	Dietetic Technicians	30	30	0	6%	0	0	\$22,374 Moderate-term on-the-job training	
29-2052	Pharmacy Technicians	340	360	10	3%	10	20	\$23,361 Moderate-term on-the-job training	
29-2053	Psychiatric Technicians	540	540	0	0%	10	10	\$25,530 Postsecondary vocational training	
29-2054	Respiratory Therapy Technicians	40	40	0	7%	0	0	NA Postsecondary vocational training	
29-2055	Surgical Technologists	150	150	10	6%	0	10	\$34,583 Postsecondary vocational training	
29-2056	Veterinary Technologists and Technicians	20	20	0	10%	0	0	NA Associate degree	
29-2061	Licensed Practical and Licensed Vocational Nurses	1,170	1,210	40	3%	50	80	\$31,285 Postsecondary vocational training	
29-2071	Medical Records and Health Information Technicians	220	240	20	8%	10	20	\$23,638 Associate degree	
29-2081	Opticians, Dispensing	110	110	0	1%	0	0	\$20,352 Long-term on-the-job training	
29-2091	Orthotists and Prosthetists	50	50	0	6%	0	0	NA Bachelor's degree	
29-9000	Other Healthcare Practitioners and Technical Occupations	60	60	0	0%	0	0	NA NA	
29-9010	Occupational Health and Safety Specialists and Technicians	40	40	0	0%	0	0	NA NA	
29-9091	Athletic Trainers	20	20	0	0%	0	0	NA Bachelor's degree	
29-9100	Other Health Practitioners And Technical Workers	40	40	0	3%	0	0	NA NA	
29-9199	Health Professionals and Technicians, All Other (OES Only)	40	40	0	3%	0	0	NA NA	
31-0000	Healthcare Support Occupations	4,580	4,830	250	5%	130	380	\$20,714 NA	
31-1000	Nursing, Psychiatric, and Home Health Aides	3,100	3,260	160	5%	70	240	NA NA	
31-1011	Home Health Aides	930	1,000	70	8%	20	90	\$18,580 Short-term on-the-job training	
31-1012	Nursing Aides, Orderlies, and Attendants	2,160	2,250	90	4%	50	140	\$19,005 Short-term on-the-job training	
31-2000	Occupational and Physical Therapist Assistants and Aides	90	100	10	7%	0	10	NA NA	
31-2021	Physical Therapist Assistants	60	70	0	7%	0	10	\$40,927 Associate degree	
31-2022	Physical Therapist Aides	30	30	0	7%	0	0	\$22,875 Short-term on-the-job training	
31-9000	Other Healthcare Support Occupations	1,390	1,470	80	6%	60	140	NA NA	
31-9091	Dental Assistants	290	300	20	6%	20	30	\$29,680 Moderate-term on-the-job training	
31-9092	Medical Assistants	660	720	60	8%	20	80	\$25,059 Moderate-term on-the-job training	
31-9093	Medical Equipment Preparers	40	50	0	7%	0	10	\$23,334 Short-term on-the-job training	

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
31-9094	Medical Transcriptionists	150	150	0	2%	10	10	\$25,193	Postsecondary vocational training
31-9095	Pharmacy Aides	100	100	0	-1%	0	0	NA	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	90	90	0	3%	0	10	NA	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	50	50	0	2%	0	0	NA	Short-term on-the-job training
33-0000	Protective Service Occupations	2,180	2,230	50	2%	130	180	\$28,305	NA
33-1000	First-Line Supervisors/Managers, Protective Service Workers	220	220	0	1%	10	20	NA	NA
33-1011	First-Line Supervisors/Managers of Correctional Officers	30	30	0	8%	0	0	\$30,237	Work experience in a related occupation
33-1012	First-Line Supervisors/Managers of Police and Detectives	100	100	0	0%	10	10	\$45,049	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	60	60	0	2%	10	10	NA	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	40	40	0	0%	0	0	\$32,734	Work experience in a related occupation
33-2000	Fire Fighting and Prevention Workers	270	280	0	1%	20	20	NA	NA
33-2011	Fire Fighters	260	270	0	2%	10	20	\$37,440	Long-term on-the-job training
33-3000	Law Enforcement Workers	1,100	1,140	40	4%	50	90	NA	NA
33-3012	Correctional Officers and Jailers	400	430	30	7%	20	40	\$23,971	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	70	70	0	0%	0	0	\$38,308	Work experience in a related occupation
33-3051	Police and Sheriff's Patrol Officers	600	620	10	2%	30	40	\$32,096	Long-term on-the-job training
33-9000	Other Protective Service Workers	580	590	0	1%	50	60	NA	NA
33-9011	Animal Control Workers	20	20	0	0%	0	0	\$19,230	Moderate-term on-the-job training
33-9032	Security Guards	380	380	10	1%	20	20	\$21,406	Short-term on-the-job training
33-9091	Crossing Guards	50	50	0	-2%	0	0	\$15,733	NA
33-9099	Protective Service Workers, All Other	120	120	0	-1%	30	30	NA	Short-term on-the-job training
35-0000	Food Preparation and Serving Related Occupations	12,000	12,300	300	2%	1,150	1,450	\$15,796	NA
35-1000	Supervisors, Food Preparation and Serving Workers	1,130	1,150	20	2%	60	80	NA	NA
35-1011	Chefs and Head Cooks	90	100	0	3%	10	10	\$33,025	Postsecondary vocational training
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Worker	1,040	1,060	20	2%	50	70	\$24,059	Work experience in a related occupation
35-2000	Cooks and Food Preparation Workers	4,110	4,180	70	2%	340	420	NA	NA
35-2011	Cooks, Fast Food	660	650	0	0%	50	50	\$14,551	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	800	800	0	0%	60	60	\$17,902	Long-term on-the-job training
35-2014	Cooks, Restaurant	970	1,010	40	4%	80	110	\$18,579	Long-term on-the-job training
35-2015	Cooks, Short Order	320	330	10	3%	30	40	\$15,363	Short-term on-the-job training
35-2021	Food Preparation Workers	1,360	1,390	30	2%	120	150	\$14,920	Short-term on-the-job training
35-3000	Food and Beverage Serving Workers	5,700	5,870	170	3%	660	830	NA	NA
35-3011	Bartenders	460	470	10	2%	40	40	\$15,521	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2,620	2,680	60	2%	290	350	\$13,984	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	330	340	10	4%	70	80	\$14,205	Short-term on-the-job training
35-3031	Waiters and Waitresses	2,180	2,270	90	4%	260	340	\$13,434	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	110	110	0	3%	10	10	\$18,122	Short-term on-the-job training
35-9000	Other Food Preparation and Serving Related Workers	1,060	1,090	30	3%	90	130	NA	NA
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	270	280	10	3%	20	30	\$13,561	Short-term on-the-job training
35-9021	Dishwashers	470	490	10	2%	50	60	\$14,013	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	310	320	10	4%	20	40	\$15,266	Short-term on-the-job training
37-0000	Building and Grounds Cleaning and Maintenance Occupations	3,940	4,010	80	2%	160	230	\$21,174	NA
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	340	340	10	2%	10	20	NA	NA
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	240	240	10	2%	10	20	\$29,471	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grou	100	100	0	2%	0	0	\$29,825	Work experience in a related occupation
37-2000	Building Cleaning and Pest Control Workers	2,910	2,960	50	2%	110	160	NA	NA
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	2,100	2,140	50	2%	80	120	\$21,450	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	770	780	10	1%	30	40	\$15,695	Short-term on-the-job training
37-2021	Pest Control Workers	40	40	0	3%	0	0	\$24,201	Moderate-term on-the-job training

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37-3000	Grounds Maintenance Workers	700	710	20	2%	30	50	NA NA	
37-3011	Landscaping and Groundskeeping Workers	610	620	10	2%	30	40	\$21,612	Short-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	60	60	0	5%	0	10	NA	Moderate-term on-the-job training
37-9099	Building and Grounds Cleaning and Maintenance Workers, All Other (OE\$	30	30	0	-4%	0	0	NA NA	
39-0000	Personal Care and Service Occupations	3,400	3,460	60	2%	180	250	\$21,104	NA
39-1000	Supervisors, Personal Care and Service Workers	230	230	0	-1%	10	10	NA NA	
39-1021	First-Line Supervisors/Managers of Personal Service Workers	220	220	0	-1%	10	10	\$30,273	Work experience in a related occupation
39-2000	Animal Care and Service Workers	70	70	0	0%	0	0	NA NA	
39-2021	Nonfarm Animal Caretakers	70	70	0	-1%	0	0	\$19,772	Short-term on-the-job training
39-3000	Entertainment Attendants and Related Workers	380	390	10	4%	40	50	NA NA	
39-3011	Gaming Dealers	20	20	0	-6%	0	0	NA	Postsecondary vocational training
39-3031	Ushers, Lobby Attendants, and Ticket Takers	120	130	10	7%	20	30	NA	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	110	110	0	0%	10	10	\$14,903	Short-term on-the-job training
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	40	0	6%	0	0	NA	Work experience in a related occupation
39-3199	Gaming Workers, All Other (OES Only)	90	100	10	6%	10	10	NA NA	
39-4000	Funeral Service Workers	140	140	0	3%	10	10	NA NA	
39-4011	Embalmers	20	20	0	0%	0	0	\$34,799	NA
39-4021	Funeral Attendants	110	120	0	4%	10	10	\$17,580	Short-term on-the-job training
39-5000	Personal Appearance Workers	510	520	10	1%	20	20	NA NA	
39-5012	Hairdressers, Hairstylists, and Cosmetologists	460	460	0	1%	20	20	\$24,964	Postsecondary vocational training
39-5094	Skin Care Specialists	50	50	0	4%	0	0	NA	Postsecondary vocational training
39-9000	Other Personal Care and Service Workers	2,050	2,090	40	2%	110	150	NA NA	
39-9011	Child Care Workers	1,230	1,240	10	1%	70	80	\$17,844	Short-term on-the-job training
39-9021	Personal and Home Care Aides	270	290	10	5%	10	20	\$20,337	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	150	160	10	7%	10	20	\$22,794	Postsecondary vocational training
39-9032	Recreation Workers	170	170	0	-1%	10	10	\$22,042	Bachelor's degree
39-9041	Residential Advisors	180	190	10	3%	10	10	NA	Moderate-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	40	40	0	2%	0	0	\$18,487	Moderate-term on-the-job training
41-0000	Sales and Related Occupations	13,320	13,460	140	1%	1,110	1,260	\$24,488	NA
41-1000	Supervisors, Sales Workers	2,220	2,220	0	0%	70	80	NA NA	
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,880	1,890	10	0%	60	70	\$36,691	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	340	340	0	-1%	10	10	\$59,430	Work experience in a related occupation
41-2000	Retail Sales Workers	8,840	8,940	110	1%	930	1,050	NA NA	
41-2011	Cashiers	4,480	4,530	50	1%	580	630	\$15,096	Short-term on-the-job training
41-2021	Counter and Rental Clerks	540	540	0	1%	50	50	\$17,942	Short-term on-the-job training
41-2022	Parts Salespersons	210	210	0	-1%	10	10	\$25,446	Moderate-term on-the-job training
41-2031	Retail Salespersons	3,600	3,660	60	2%	290	350	\$19,728	Short-term on-the-job training
41-3000	Sales Representatives, Services	510	520	0	0%	20	30	NA NA	
41-3011	Advertising Sales Agents	120	110	0	-1%	0	0	\$31,900	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	250	250	10	2%	10	20	\$42,260	Bachelor's degree
41-3031	Securities, Commodities, and Financial Services Sales Agents	100	100	0	1%	0	0	NA	Bachelor's degree
41-3041	Travel Agents	50	50	0	-8%	0	0	\$28,338	Postsecondary vocational training
41-4000	Sales Representatives, Wholesale and Manufacturing	900	920	20	2%	50	60	NA NA	
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scie	120	130	0	2%	10	10	\$60,047	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical a	780	790	10	2%	40	50	\$48,577	Moderate-term on-the-job training
41-9000	Other Sales and Related Workers	850	860	10	1%	30	50	NA NA	
41-9011	Demonstrators and Product Promoters	190	200	10	4%	10	20	\$27,372	Moderate-term on-the-job training

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41-9021	Real Estate Brokers	70	70	0	0%	0	0	NA	Work experience in a related occupation
41-9022	Real Estate Sales Agents	160	160	0	2%	10	10	\$59,205	Postsecondary vocational training
41-9031	Sales Engineers	60	60	0	2%	0	0	\$73,843	Bachelor's degree
41-9041	Telemarketers	130	130	0	0%	0	0	\$17,916	Short-term on-the-job training
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Wo	90	90	0	-2%	0	0	NA	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	170	170	0	0%	10	10	\$25,323	Moderate-term on-the-job training
43-0000	Office and Administrative Support Occupations	19,880	19,790	-90	0%	950	1,060	\$24,767	NA
43-1000	Supervisors, Office and Administrative Support Workers	1,320	1,310	-10	-1%	50	50	NA	NA
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Wo	1,320	1,310	-10	-1%	50	50	\$37,567	Work experience in a related occupation
43-2000	Communications Equipment Operators	260	250	-10	-2%	10	10	NA	NA
43-2011	Switchboard Operators, Including Answering Service	210	200	-10	-2%	10	10	\$20,644	Short-term on-the-job training
43-2099	Communications Equipment Operators, All Other	40	40	0	0%	0	0	NA	Short-term on-the-job training
43-3000	Financial Clerks	3,950	3,920	-40	-1%	200	210	NA	NA
43-3011	Bill and Account Collectors	270	280	10	3%	10	20	\$25,665	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	460	450	-10	-2%	10	10	\$24,576	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	2,010	1,990	-20	-1%	70	70	\$26,020	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	470	460	-10	-2%	20	20	\$23,968	Short-term on-the-job training
43-3061	Procurement Clerks	50	50	0	-2%	0	0	\$25,473	Short-term on-the-job training
43-3071	Tellers	690	680	-10	-1%	80	80	\$19,537	Short-term on-the-job training
43-4000	Information and Record Clerks	3,760	3,800	40	1%	170	230	NA	NA
43-4011	Brokerage Clerks	40	40	0	-3%	0	0	NA	Moderate-term on-the-job training
43-4031	Court, Municipal, and License Clerks	90	100	0	1%	0	10	\$23,478	Short-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	20	20	0	0%	0	0	\$31,147	Short-term on-the-job training
43-4051	Customer Service Representatives	1,070	1,080	10	1%	30	40	\$25,934	Moderate-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	70	70	0	-4%	0	0	\$25,707	Moderate-term on-the-job training
43-4071	File Clerks	170	170	0	-2%	10	10	\$21,250	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	130	130	0	-1%	10	10	\$14,097	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	110	120	10	5%	10	10	\$23,445	Short-term on-the-job training
43-4121	Library Assistants, Clerical	110	110	0	2%	10	10	NA	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	150	150	-10	-5%	0	0	\$25,695	Short-term on-the-job training
43-4141	New Accounts Clerks	80	80	0	-1%	0	0	\$22,903	Work experience in a related occupation
43-4151	Order Clerks	280	270	-10	-3%	10	10	\$25,067	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	170	170	0	1%	10	10	\$28,511	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	1,060	1,090	40	4%	50	90	\$20,121	Short-term on-the-job training
43-4999	Financial, Information, and Record Clerks, All Other (OES Only)	220	220	0	1%	10	10	NA	NA
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	3,740	3,690	-50	-1%	250	260	NA	NA
43-5011	Cargo and Freight Agents	60	60	0	-3%	0	0	\$44,194	Moderate-term on-the-job training
43-5021	Couriers and Messengers	160	160	0	0%	10	10	\$19,266	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	90	90	0	1%	0	10	\$22,378	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	80	90	0	4%	0	10	\$28,564	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	110	100	0	-4%	10	10	\$28,803	NA
43-5051	Postal Service Clerks	80	80	0	0%	0	0	\$43,184	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	420	420	0	0%	20	20	\$41,866	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operat	140	140	0	-2%	10	10	\$38,968	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	240	240	0	-2%	10	10	\$37,744	Short-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	810	800	-10	-1%	30	30	\$26,646	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	1,400	1,370	-30	-2%	140	140	\$18,215	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	150	150	10	3%	10	10	\$24,702	Short-term on-the-job training
43-6000	Secretaries and Administrative Assistants	3,420	3,420	0	0%	120	140	NA	NA
43-6011	Executive Secretaries and Administrative Assistants	1,140	1,140	10	1%	40	50	\$28,852	Moderate-term on-the-job training
43-6012	Legal Secretaries	160	170	0	2%	10	10	\$24,438	Postsecondary vocational training
43-6013	Medical Secretaries	390	400	10	3%	10	20	\$26,290	Postsecondary vocational training
43-6014	Secretaries, Except Legal, Medical, and Executive	1,740	1,720	-20	-1%	60	60	\$22,621	Moderate-term on-the-job training
43-9000	Other Office and Administrative Support Workers	3,430	3,400	-30	-1%	150	160	NA	NA

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43-9011	Computer Operators	130	130	0	-2%	10	10	\$26,351	Moderate-term on-the-job training
43-9021	Data Entry Keyers	160	160	-10	-3%	10	10	\$21,503	Moderate-term on-the-job training
43-9022	Word Processors and Typists	220	210	-20	-8%	10	10	\$23,077	Moderate-term on-the-job training
43-9031	Desktop Publishers	30	30	0	4%	0	0	\$26,480	Postsecondary vocational training
43-9041	Insurance Claims and Policy Processing Clerks	170	160	0	-1%	10	10	\$22,620	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	20	20	0	-10%	0	0	\$18,659	Short-term on-the-job training
43-9061	Office Clerks, General	2,250	2,250	10	0%	100	110	\$20,953	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	20	20	0	-4%	0	0	\$20,522	Short-term on-the-job training
43-9081	Proofreaders and Copy Markers	20	20	0	-6%	0	0	NA	Short-term on-the-job training
43-9111	Statistical Assistants	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
43-9999	Secretaries, Administrative Assistants, and Other Office Support Workers,	400	400	-10	-1%	20	20	NA	NA
45-0000	Farming, Fishing, and Forestry Occupations	400	400	0	-1%	20	30	\$22,508	NA
45-1000	Supervisors, Farming, Fishing, and Forestry Workers	20	20	0	5%	0	0	NA	NA
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Work	20	20	0	5%	0	0	NA	Work experience in a related occupation
45-2000	Agricultural Workers	330	330	0	-1%	20	20	NA	NA
45-2041	Graders and Sorters, Agricultural Products	30	30	0	0%	0	0	NA	Work experience in a related occupation
45-2091	Agricultural Equipment Operators	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	230	230	-10	-3%	10	10	NA	Long-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	40	40	0	6%	0	0	NA	Moderate-term on-the-job training
45-9000	Other Farming, Fishing, and Forestry Workers	30	30	0	-3%	0	0	NA	NA
45-9099	Farming, Fishing, and Forestry Workers, All Other (OES Only)	30	30	0	-3%	0	0	NA	NA
47-0000	Construction and Extraction Occupations	5,000	5,080	80	2%	180	270	\$36,678	NA
47-1000	Supervisors, Construction and Extraction Workers	630	650	10	2%	20	30	NA	NA
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction W	630	650	10	2%	20	30	\$46,091	Work experience in a related occupation
47-2000	Construction Trades Workers	3,760	3,810	50	1%	130	190	NA	NA
47-2021	Brickmasons and Blockmasons	90	90	0	1%	0	0	NA	Long-term on-the-job training
47-2022	Stonemasons	70	70	0	1%	0	0	NA	Long-term on-the-job training
47-2031	Carpenters	520	540	10	2%	20	30	\$32,227	Long-term on-the-job training
47-2041	Carpet Installers	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
47-2044	Tile and Marble Setters	50	50	0	0%	0	0	NA	Long-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	30	30	0	4%	0	0	\$35,517	Long-term on-the-job training
47-2061	Construction Laborers	620	640	20	3%	20	30	\$27,015	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	80	80	0	3%	0	0	NA	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	280	280	0	1%	10	20	\$33,797	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	70	70	0	2%	0	0	\$37,565	Moderate-term on-the-job training
47-2082	Tapers	30	30	0	4%	0	0	NA	Moderate-term on-the-job training
47-2111	Electricians	750	750	10	1%	30	30	\$50,636	Long-term on-the-job training
47-2121	Glaziers	20	20	0	5%	0	0	NA	Long-term on-the-job training
47-2130	Insulation Workers	60	60	0	2%	0	10	NA	NA
47-2141	Painters, Construction and Maintenance	170	170	0	-2%	10	10	\$27,728	Moderate-term on-the-job training
47-2151	Pipelayers	100	100	0	2%	0	10	\$32,892	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	370	370	0	-1%	20	20	\$43,018	Long-term on-the-job training
47-2161	Plasterers and Stucco Masons	20	20	0	0%	0	0	\$35,822	Long-term on-the-job training
47-2181	Roofers	200	210	0	2%	10	10	\$29,968	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	120	120	0	1%	10	10	\$49,363	Moderate-term on-the-job training
47-2221	Structural Iron and Steel Workers	80	80	0	4%	0	10	NA	Long-term on-the-job training
47-3000	Helpers, Construction Trades	210	220	0	1%	20	20	NA	NA
47-3012	Helpers--Carpenters	100	110	0	2%	10	10	\$22,436	Short-term on-the-job training
47-3013	Helpers--Electricians	20	20	0	0%	0	0	NA	Short-term on-the-job training
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	20	20	0	0%	0	0	\$21,725	Short-term on-the-job training
47-3016	Helpers--Roofers	30	30	0	4%	0	0	\$20,892	Short-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	20	20	0	0%	0	0	\$25,054	Short-term on-the-job training

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47-4000	Other Construction and Related Workers	220	220	0	0%	10	10	NA NA	
47-4011	Construction and Building Inspectors	70	70	0	3%	0	10	\$31,231	Work experience in a related occupation
47-4051	Highway Maintenance Workers	130	130	0	-1%	0	0	\$24,752	Moderate-term on-the-job training
47-4900	All Other Construction Trades and Related Workers	110	120	10	8%	0	10	NA NA	
47-4999	Construction Trades and Related Workers, All Other (OES Only)	110	120	10	8%	0	10	NA NA	
47-5000	Extraction Workers	60	60	0	5%	0	10	NA NA	
47-5021	Earth Drillers, Except Oil and Gas	30	30	0	8%	0	0	NA	Moderate-term on-the-job training
47-5081	Helpers--Extraction Workers	30	30	0	4%	0	0	NA	Short-term on-the-job training
49-0000	Installation, Maintenance, and Repair Occupations	5,240	5,290	50	1%	240	310	\$34,129	NA
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	580	590	10	2%	30	40	NA NA	
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	580	590	10	2%	30	40	\$47,939	Work experience in a related occupation
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	240	240	0	0%	10	10	NA NA	
49-2011	Computer, Automated Teller, and Office Machine Repairers	30	30	0	6%	0	0	\$25,183	Postsecondary vocational training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Inst	80	80	0	-4%	0	0	\$43,601	Postsecondary vocational training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipmen	20	30	0	4%	0	0	\$39,707	Postsecondary vocational training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	20	20	0	0%	0	0	NA	Postsecondary vocational training
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	30	30	0	4%	0	0	NA	Postsecondary vocational training
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	20	20	0	0%	0	0	NA	Postsecondary vocational training
49-3000	Vehicle and Mobile Equipment Mechanics, Installers	1,670	1,690	20	1%	90	120	NA NA	
49-3021	Automotive Body and Related Repairers	140	140	0	2%	10	10	\$24,879	Long-term on-the-job training
49-3022	Automotive Glass Installers and Repairers	20	30	0	4%	0	0	NA	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	770	770	0	1%	40	40	\$29,439	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	330	340	10	2%	20	20	\$30,479	Postsecondary vocational training
49-3041	Farm Equipment Mechanics	70	80	0	3%	0	10	\$22,472	Postsecondary vocational training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	50	50	0	0%	0	0	\$32,064	Postsecondary vocational training
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	50	50	0	-6%	0	0	NA	Moderate-term on-the-job training
49-3091	Bicycle Repairers	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
49-3092	Recreational Vehicle Service Technicians	90	100	10	8%	10	20	\$31,926	Long-term on-the-job training
49-3093	Tire Repairers and Changers	110	110	0	-3%	10	10	\$21,344	Short-term on-the-job training
49-9000	Other Installation, Maintenance, and Repair Occupations	2,750	2,770	20	1%	110	150	NA NA	
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	20	20	0	-6%	0	0	NA	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	110	120	10	5%	0	10	\$32,582	Long-term on-the-job training
49-9031	Home Appliance Repairers	70	70	0	0%	0	0	\$31,483	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	230	230	-10	-3%	10	10	\$41,306	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	1,590	1,610	10	1%	60	70	\$32,655	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	80	90	10	6%	0	10	\$29,939	Long-term on-the-job training
49-9044	Millwrights	140	130	-10	-4%	10	10	\$56,718	Long-term on-the-job training
49-9045	Refractory Materials Repairers, Except Brickmasons	20	20	0	0%	0	0	NA	Long-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	100	100	0	-1%	10	10	\$51,900	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	70	70	0	3%	0	10	\$34,448	Long-term on-the-job training
49-9062	Medical Equipment Repairers	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	40	40	0	-3%	0	0	\$27,276	Moderate-term on-the-job training
49-9095	Manufactured Building and Mobile Home Installers	20	20	0	-6%	0	0	\$27,767	Moderate-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	150	150	0	2%	10	10	\$24,800	Short-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	120	120	0	3%	10	10	\$28,389	Long-term on-the-job training
51-0000	Production Occupations	20,020	19,380	-640	-3%	920	960	\$31,515	NA
51-1000	Supervisors, Production Workers	1,430	1,410	-10	-1%	60	60	NA NA	
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,430	1,410	-10	-1%	60	60	\$43,154	Work experience in a related occupation
51-2000	Assemblers and Fabricators	4,060	3,880	-180	-4%	210	210	NA NA	
51-2021	Coil Winders, Tapers, and Finishers	240	210	-40	-15%	10	10	NA	Short-term on-the-job training
51-2022	Electrical and Electronic Equipment Assemblers	80	80	-10	-6%	0	0	NA	Short-term on-the-job training
51-2031	Engine and Other Machine Assemblers	360	340	-20	-4%	20	20	NA	Short-term on-the-job training

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51-2041	Structural Metal Fabricators and Fitters	60	60	0	0%	0	0	\$30,713	Moderate-term on-the-job training
51-2092	Team Assemblers	2,340	2,270	-70	-3%	120	120	\$36,624	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	960	910	-50	-6%	50	50	NA	Moderate-term on-the-job training
51-3000	Food Processing Workers	400	400	0	0%	20	30	NA	NA
51-3011	Bakers	210	210	0	0%	10	10	\$20,986	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	120	120	-10	-4%	10	10	\$24,600	Long-term on-the-job training
51-3092	Food Batchmakers	20	20	0	14%	0	0	NA	Short-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	20	20	0	6%	0	0	\$19,550	Short-term on-the-job training
51-4000	Metal Workers and Plastic Workers	7,500	7,220	-280	-4%	340	340	NA	NA
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	820	810	-20	-2%	20	20	\$34,654	Long-term on-the-job training
51-4012	Numerical Tool and Process Control Programmers	30	30	0	-6%	0	0	\$38,398	Long-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	260	250	-10	-4%	20	20	\$34,213	Moderate-term on-the-job training
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	130	130	-10	-4%	0	0	\$32,961	Moderate-term on-the-job training
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	60	60	0	5%	0	10	NA	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	650	620	-40	-6%	30	30	\$27,025	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	270	260	-10	-3%	10	10	\$38,853	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	370	350	-10	-4%	10	10	\$40,353	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	710	680	-30	-4%	30	30	\$36,228	Moderate-term on-the-job training
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	160	150	-10	-4%	10	10	NA	Moderate-term on-the-job training
51-4041	Machinists	670	630	-40	-6%	30	30	\$31,461	Long-term on-the-job training
51-4051	Metal-Refining Furnace Operators and Tenders	100	90	-10	-6%	0	0	\$28,763	Moderate-term on-the-job training
51-4052	Pourers and Casters, Metal	70	60	0	-6%	0	0	\$32,969	Moderate-term on-the-job training
51-4071	Foundry Mold and Coremakers	80	70	0	-5%	0	0	NA	Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	920	920	0	0%	40	40	\$23,211	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	330	310	-20	-7%	20	20	\$27,524	Moderate-term on-the-job training
51-4111	Tool and Die Makers	590	550	-50	-8%	20	20	\$47,375	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	680	680	-10	-1%	40	40	\$28,026	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders, Metal and Plastic	70	60	0	-2%	0	0	NA	Moderate-term on-the-job training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	230	220	-10	-4%	20	20	\$38,117	Moderate-term on-the-job training
51-4192	Lay-Out Workers, Metal and Plastic	20	20	0	5%	0	0	\$42,217	Moderate-term on-the-job training
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	60	60	0	0%	0	0	NA	Moderate-term on-the-job training
51-4194	Tool Grinders, Filers, and Sharpeners	190	180	-10	-5%	10	10	\$27,205	Moderate-term on-the-job training
51-4199	Metal Workers and Plastic Workers, All Other	50	40	0	-4%	0	0	NA	Moderate-term on-the-job training
51-5000	Printing Workers	570	550	-20	-3%	30	30	NA	NA
51-5011	Bindery Workers	50	50	0	-7%	0	0	NA	Moderate-term on-the-job training
51-5021	Job Printers	70	70	0	-3%	0	0	\$33,165	Long-term on-the-job training
51-5022	Prepress Technicians and Workers	140	140	0	-3%	10	10	\$29,064	Long-term on-the-job training
51-5023	Printing Machine Operators	290	290	-10	-2%	10	10	\$25,406	Moderate-term on-the-job training
51-6000	Textile, Apparel, and Furnishings Workers	1,020	1,000	-20	-2%	40	40	NA	NA
51-6011	Laundry and Dry-Cleaning Workers	360	350	-10	-2%	20	20	\$17,545	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	50	50	0	-4%	0	0	\$17,275	Short-term on-the-job training
51-6031	Sewing Machine Operators	340	330	-10	-3%	10	10	\$20,032	Moderate-term on-the-job training
51-6051	Sewers, Hand	110	110	0	0%	0	0	NA	Short-term on-the-job training
51-6052	Tailors, Dressmakers, and Custom Sewers	20	20	0	0%	0	0	\$18,673	Work experience in a related occupation
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	30	30	0	-3%	0	0	NA	Moderate-term on-the-job training
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Plastic Materials	80	90	10	6%	0	10	NA	Moderate-term on-the-job training
51-6093	Upholsterers	20	20	0	0%	0	0	\$19,165	Long-term on-the-job training
51-7000	Woodworkers	410	380	-30	-7%	20	20	NA	NA
51-7011	Cabinetmakers and Bench Carpenters	230	220	-20	-7%	10	10	\$24,195	Long-term on-the-job training
51-7021	Furniture Finishers	50	50	-10	-13%	0	0	NA	Long-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	60	60	0	-3%	0	0	\$21,565	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	70	60	0	-6%	0	0	NA	Moderate-term on-the-job training
51-8000	Plant and System Operators	220	220	0	0%	10	10	NA	NA
51-8021	Stationary Engineers and Boiler Operators	80	80	0	1%	0	0	\$30,334	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	100	100	0	1%	10	10	NA	Long-term on-the-job training
51-8099	Plant and System Operators, All Other	20	20	0	0%	0	0	NA	Long-term on-the-job training

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51-9000	<i>Other Production Occupations</i>	4,420	4,320	-100	-2%	210	230	NA NA	
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, O	60	50	0	-5%	0	0	NA Moderate-term on-the-job training	
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tende	60	50	-10	-11%	0	0	\$29,305 Moderate-term on-the-job training	
51-9022	Grinding and Polishing Workers, Hand	110	100	-10	-6%	10	10	\$25,132 Moderate-term on-the-job training	
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	190	190	0	-2%	10	10	\$28,698 Moderate-term on-the-job training	
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	200	180	-20	-8%	10	10	\$31,754 Moderate-term on-the-job training	
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operator	90	80	-10	-6%	10	10	\$35,962 Moderate-term on-the-job training	
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	80	70	-10	-8%	0	0	\$23,494 Moderate-term on-the-job training	
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,140	1,100	-40	-4%	50	50	\$28,438 Moderate-term on-the-job training	
51-9081	Dental Laboratory Technicians	70	70	0	4%	0	10	\$25,004 Long-term on-the-job training	
51-9111	Packaging and Filling Machine Operators and Tenders	520	530	10	2%	20	30	\$24,300 Short-term on-the-job training	
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	240	230	-10	-5%	10	10	\$26,191 Moderate-term on-the-job training	
51-9122	Painters, Transportation Equipment	100	110	10	5%	10	10	\$18,695 Moderate-term on-the-job training	
51-9123	Painting, Coating, and Decorating Workers	20	20	0	6%	0	0	\$22,234 Short-term on-the-job training	
51-9131	Photographic Process Workers	50	60	0	4%	0	10	\$19,975 Moderate-term on-the-job training	
51-9132	Photographic Processing Machine Operators	70	70	0	0%	0	0	\$20,436 Short-term on-the-job training	
51-9191	Cementing and Gluing Machine Operators and Tenders	80	80	0	-3%	0	0	\$24,995 Moderate-term on-the-job training	
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	20	20	0	0%	0	0	\$28,630 Moderate-term on-the-job training	
51-9194	Etchers and Engravers	30	30	0	-3%	0	0	NA Long-term on-the-job training	
51-9196	Paper Goods Machine Setters, Operators, and Tenders	120	120	-10	-5%	10	10	\$26,346 Moderate-term on-the-job training	
51-9198	Helpers--Production Workers	670	660	-10	-2%	40	40	\$23,490 Short-term on-the-job training	
51-9199	Production Workers, All Other	490	490	0	1%	20	30	\$21,580 Moderate-term on-the-job training	
53-0000	Transportation and Material Moving Occupations	10,310	10,310	0	0%	450	570	\$25,867 NA	
53-1000	<i>Supervisors, Transportation and Material Moving Workers</i>	470	470	0	0%	20	20	NA NA	
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Move	170	170	0	0%	10	10	\$36,944 Work experience in a related occupation	
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving M	290	300	0	1%	10	20	\$37,365 Work experience in a related occupation	
53-2000	<i>Air Transportation Workers</i>	20	20	0	0%	0	0	NA NA	
53-3000	<i>Motor Vehicle Operators</i>	4,660	4,740	80	2%	130	220	NA NA	
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicia	20	20	0	0%	0	0	\$18,100 Moderate-term on-the-job training	
53-3021	Bus Drivers, Transit and Intercity	130	130	0	0%	10	10	\$31,815 Moderate-term on-the-job training	
53-3022	Bus Drivers, School	700	720	20	3%	30	50	\$22,354 Short-term on-the-job training	
53-3031	Driver/Sales Workers	520	520	0	0%	20	20	\$23,937 Short-term on-the-job training	
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,170	2,230	60	3%	70	120	\$31,916 Moderate-term on-the-job training	
53-3033	Truck Drivers, Light or Delivery Services	850	860	10	1%	10	20	\$22,263 Short-term on-the-job training	
53-3041	Taxi Drivers and Chauffeurs	180	180	0	2%	0	10	\$16,017 Short-term on-the-job training	
53-3099	Motor Vehicle Operators, All Other	100	90	-10	-7%	0	0	\$19,461 Short-term on-the-job training	
53-6000	<i>Other Transportation Workers</i>	210	210	0	-1%	20	20	NA NA	
53-6021	Parking Lot Attendants	40	40	0	0%	0	0	\$17,413 Short-term on-the-job training	
53-6031	Service Station Attendants	150	150	0	-1%	20	20	NA Short-term on-the-job training	
53-7000	<i>Material Moving Workers</i>	4,940	4,860	-80	-2%	280	300	NA NA	
53-7021	Crane and Tower Operators	30	30	0	-3%	0	0	NA Moderate-term on-the-job training	
53-7032	Excavating and Loading Machine and Dragline Operators	30	30	0	0%	0	0	\$33,735 Moderate-term on-the-job training	
53-7051	Industrial Truck and Tractor Operators	870	840	-30	-3%	30	30	\$30,594 Short-term on-the-job training	
53-7061	Cleaners of Vehicles and Equipment	310	320	0	1%	20	30	\$27,300 Short-term on-the-job training	
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	2,020	1,960	-60	-3%	150	150	\$24,467 Short-term on-the-job training	
53-7063	Machine Feeders and Offbearers	350	330	-10	-4%	20	20	\$22,238 Short-term on-the-job training	
53-7064	Packers and Packagers, Hand	1,180	1,200	20	2%	50	60	\$19,880 Short-term on-the-job training	
53-7081	Refuse and Recyclable Material Collectors	120	120	0	1%	10	10	\$26,664 Short-term on-the-job training	

1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
	who leave an occupation and the number who enter the occupation.								
2)	2004 Annual Wage is the regional average wage for the occupation from the Occupational Employment Statistics program, conducted by the Indiana Department of Workforce Development for the national Bureau of Labor Statistics.								
3)	Occupations are classified into 1 of 11 categories by the Bureau of Labor Statistics based on analyses of the occupation's usual education and training requirements. The 11 classifications are as follows:								
	First professional degree. Completion of the academic program usually requires at least 6 years of full-time equivalent academic study, including college study prior to entering the professional degree program.								
	Doctoral degree. Completion of the degree program usually requires at least 3 years of full-time equivalent academic work beyond the bachelor's degree.								
	Master's degree. Completion of the degree program usually requires 1 or 2 years of full-time equivalent study beyond the bachelor's degree.								
	Work experience, plus a bachelor's or higher degree. Most occupations in this category are managerial occupations that require experience in a related nonmanagerial position.								
	Bachelor's degree. Completion of the degree program generally requires at least 4 years but not more than 5 years of full-time equivalent academic work.								
	Associate degree. Completion of the degree program usually requires at least 2 years of full-time equivalent academic study.								
	Postsecondary vocational training. Some programs last only a few weeks while others may last more than a year. In some occupations, a license is needed that requires passing an examination after completion of the training.								
	Work experience in a related occupation. Some occupations requiring work experience are supervisory or managerial occupations.								
	Long-term on-the-job training. This category includes occupations that generally require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance. This category includes formal and informal apprenticeships that may last up to 4 years and short-term intensive employer-sponsored training that workers must successfully complete. Individuals undergoing training are generally considered to be employed in the occupation. This category includes occupations in which workers may gain experience in non-work activities, such as professional athletes who gain experience through participation in athletic programs in academic institutions.								
	Moderate-term on-the-job training. This category includes occupations in which workers can develop the skills needed for average job performance after 1 to 12 months of combined on-the-job experience and informal training.								
	Short-term on-the-job training. This category covers occupations in which workers can develop the skills needed for average job performance after a short demonstration or up to one month of on-the-job experience or instruction.								